



F. 636.08905
VER
23-2

APR 07 1999

REPORT

College of Veterinary Medicine

University of Illinois at Urbana-Champaign

Spring 1999, Vol. 23, No. 2

INSIDE

3 Wildlife Medical Clinic makes a move

4 Undergraduates discover science at CVM

5 DVM degrees run in the family at Illinois

Take Part in April 10 Events

The 50th Anniversary Gala Banquet, Auction, and Dance will be held at the Illini Union on April 10. Earlier that day you can visit Veterinary Medicine Open House, and attend a symposium featuring chief veterinary officer at NASA Dr. Joseph Bielitzki and prolific author and media correspondent Roger Caras.

animals
AMONG US

CELEBRATING 50 YEARS!

For details about these events, visit www.cvm.uiuc.edu or call 217/333-2760.

"On/off" Gene for Salmonella Identified

By Jim Barlow

A gene that dictates *Salmonella's* ability to live dormant or cause disease in pigs has been found by College researchers. In the laboratory, Dr. Richard E. Isaacson, professor of veterinary pathobiology, and his coworkers even fooled the bacteria in one strain into switching back and forth between the two forms.

The finding is the first documentation that relates a phase-shifting process in *Salmonella* or other food-borne bacterium to its ability to grow in specific environments. Finding the control switch could pave the way for developing methods to rid the disease-causing form from farm animals.

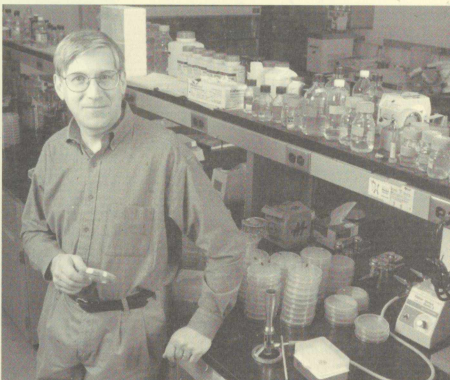
Salmonella attacks the intestines in animals and humans and is a leading cause of gastrointestinal infections. Some 2,000 strains have been identified. Until now, scientists have not been able to explain why *Salmonella* is often found in apparently healthy animals.

"We think that the reason that animals can appear healthy but go on with long-term infection is because the bacteria switches back and forth between these two forms, so that it has just the right

combination of the right kind of cells to survive and linger there but not cause disease," says Dr. Isaacson.

He and graduate student Lola Y. Kwan, now at Northwestern University, reported their finding in the December issue of *Infection and Immunity*.

Other researchers have been looking on farms for reservoirs of *Salmonella*. Their results suggest that the prevalence of *Salmonella* in swine herds is high, and that the pig is an important reservoir. "It does look like the most likely reservoir is the pig itself," notes Dr. Isaacson. "It may be that the only real solution is a biotechnological approach that would trick *Salmonella* into turning itself off so it could be naturally cleared from the pigs." ■



Member of First Class Creates Endowment as Veterinary Medicine Celebrates 50th Year

By Archana Reddy

Nearly 50 years since he began studying veterinary medicine, Dr. William G. Huber, a member of the College's first graduating class, established a library endowment to honor his classmates, two former deans of the College, and a professor.

Dr. Huber and his wife Joyce F. Huber donated \$25,000 to establish the endowment. Funds from the Huber Endowment will be used to purchase books for the veterinary medicine library.

"The library is an integral part of the veterinary medicine program," said Dr. Huber. "The better the library, the better the program."

A plaque that hangs in the library reminds patrons that the Huber gift was given in memory of deceased members of the class of '52 and in recognition of the accomplishments and contributions to the field of veterinary medicine by that class.

Members of the College's first class had previously created the Class of '52 Endowment and were instrumental in creating the Loyd Boley Endowment and other individual gifts.

The Huber gift also honors Dean and Mrs. Robert Graham, Dean and Mrs. Carl A. Brandly, and Dr. Roger P. Link. Dean Graham, the College's first dean, was instrumental in establishing the College and served as dean for eight years.

When Dr. Huber graduated in 1957 from the University of Illinois with a master's degree, Dr. Brandly was named dean of the College. "Dean Brandly was an outstanding scientist and administrator," Dr. Huber said.

Dr. Link served as department head for the physiology and pharmacology department, as well as president of the AVMA. He was a source of counsel, guidance and encouragement for Dr. Huber throughout his graduate studies, Dr. Huber said. Under Dr. Link's direction Dr. Huber completed his Ph.D. in comparative pharmacology in 1960. Mrs. Huber was also a student at the University.

Continued on page 4



Celebrating 50 Years



Winding Road Led Me to Veterinary Career

DEAN



There's a certain type of person—maybe you know one, or maybe you are one—who dreams at a very early age of becoming a veterinarian and who holds on to that dream and makes it come true.

Whenever the College exhibits at public events, from state fairs to the IKC show, we inevitably encounter parents with their teenager in tow who say "Sally has wanted to be a veterinarian since she was 5 years old" or "Johnny decided in kindergarten to be a vet."

I was not one of those people.

Though we may have come to this field by different paths, at some point we all observed in veterinarians a spark, a love for what they do. We share that love. It is in part what we are celebrating in our 50th anniversary gala.

There's another group of veterinarians whose career path is influenced by having a veterinarian in the family. See the list on page 5 that documents a number of those instances in Illinois annals.

I was not one of those people, either, as you will see.

My own career path was shaped, in fact, by a combination of personal injury, family circumstances, and a preference for challenges.

I grew up with animals. My father managed a ranch with 2,000 sheep and a lot of border collies. Later we lived on a dairy farm.

Those experiences—including being drawn by curiosity to extract the fetuses from ewes that had died in a blizzard and wishing I could have prevented or helped a painful and unsuccessful calving that ended with the cow being put down—shaped my interests.

I was a high school dropout, but completed the university entrance requirements through correspondence courses. In 1953 I graduated at the top of a one-year "finishing school" for young farmers.

Then my personal introduction to medicine: I nearly died from a gunshot wound. If I hadn't presented an "interesting case," an orthopedic surgeon from Calgary probably wouldn't have bothered driving 120 miles at night on bad roads to operate on me. That and 30 units of blood saved my life.

This injury also made me reconsider the physical demands of following in my father's footsteps and making a life on the farm. Instead, I decided to study agriculture further at a university that had recently revamped its curriculum with a heavy grounding in science—so well grounded, in fact, that two-thirds of the class failed the first year. Surviving that experiment firmly ignited in me a lifelong love of science and also made me realize that I could succeed in any university program.

As a student I worked as a Weed and Rat Inspector for the government. It didn't take long before I realized that those who had been Weed and Rat Inspectors for some time did not appear to enjoy their work. I looked elsewhere for a challenge and found that veterinarians had fascinating challenges and appeared to like what they did. My family discouraged me from that career path because the only school was 2,000 miles away in Ontario. But difficulty in gaining admission only made me want it more firmly—that was another part of the challenge.

I can honestly say there was not a single course in veterinary school that I didn't enjoy. After graduation I went right back to

my hometown and started my own practice; I built a new clinic and hired within four years two more veterinarians.

Then I had another cause to reflect on careers: a cow I was trying to move turned out to be stronger than I was. While I was flat on my back recovering and again faced with physical limitations on my career, I decided to get a graduate degree. At this point in my professional life, mentors and friends played a large role in which school and which discipline I chose. Since for a clinician the pathologists always have the last word, I chose that field. I studied both clinical and anatomic pathology and loved every job I undertook in graduate school.

Though my family didn't influence me to choose veterinary medicine, I served as a role model for my children. My daughter completed a DVM and a master's in toxicology and now works in industry after a period in practice. My elder son is a nuclear engineer (he applied but didn't get in to veterinary school!), and my younger son is a PhD candidate conducting research on the immunodeficiency virus.

During the recruitment program here in February I met a young M.D. who had recently quit a residency in radiology to apply to veterinary school. Why? Because the people she observed working in human hospitals did not appear to like their work, whereas the people she saw working in veterinary medicine loved what they did.

Though we may have come to this field by different paths, at some point we all observed in veterinarians a spark, a love for what they do. We share that love. It is in part what we are celebrating in our 50th anniversary gala, and what we mean by the "heart, vision, voice" of 50 years at Illinois.

I hope I will see each of you at the April 10 Open House, symposium, and banquet, and that you will spread this spirit and spark of love for our chosen career with upcoming generations of veterinarians.

Whooooo Will Support Wildlife Residents in Their New Digs?

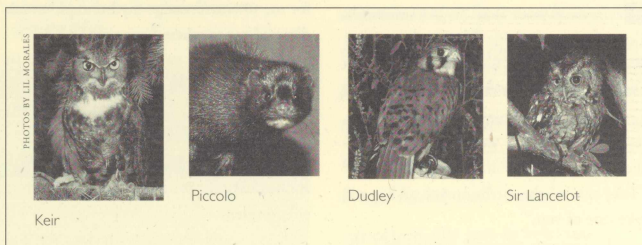
By Archana Reddy

Keir, the great horned owl, and his feathered friends have adapted to life in their new home, said Rose Ann Meccoli, a veterinary research specialist in parasitology and longtime volunteer at the College's Wildlife Medical Clinic.

If they're lucky, they'll be adopted as well.

In September the wildlife clinic moved from the first floor of the Small Animal Clinic to the basement. And in December the clinic announced the "Adopt-a-Resident" program to support Kier and five other animals who live in the clinic and appear in educational demonstrations for the public.

Advantages of the new clinic space, according to Beth Guerra, a second-year veterinary student and co-manager of the clinic, are its bigger size and better arrangement, which allows for more efficient care. There's also a better isolation area for animals that may have rabies or distemper disease, said Jennifer Cortright, a third-year veterinary student who co-chaired the wildlife clinic's executive board. However, volunteers miss the old ward's larger bathtub where the wa-



Keir

Piccolo

Dudley

Sir Lancelot

terfowl took their swims and its direct oxygen lines, which eliminated the need for tanks.

With supervision from veterinary clinicians, volunteers at the clinic treat wildlife patients—from fawns, squirrels, frogs, and turtles to bobcats, eagles, and wild turkeys—brought in by the public.

Most of the more than 1,000 patients seen each year are treated and released into the wild. Six animals with injuries that prevent their living in the wild but that are otherwise healthy are permanent residents of the clinic and are used in educational talks.

The "Adopt-a-Resident" program will help cover expenses for Keir and for Odin the red tailed hawk, Sir Lancelot the screech owl, Piccolo the mink, Chrissy the painted turtle, and Dudley the kestrel. Adoptive "parents" will receive a photo and information sheet on their animal, and a subscription to the clinic newsletter.

To find out more about the clinic and adopting an animal, write to the Wildlife Medical Clinic, UI College of Veterinary Medicine, 2001 South Lincoln Avenue, Urbana, IL 61802. ■

Student Loan Concerns Aired in Washington

"Participating in the Second Annual Graduate and Professional Student Lobby Day in Washington, DC, was quite an experience," says Kristin Kanoy, third-year veterinary student and president of the student chapter of

the American Veterinary Medical Association. Students from 11 veterinary schools participated, with guidance from the Association of American Veterinary Medical Colleges.

Kanoy (shown at left in Washington) was paired with a second-year veterinary student from Michigan State University. Together they visited senators and congressmen from Illinois and Michigan.

"We talked to staffers about loan deferrals for private veterinary internships and residencies, extending the period when students can deduct loan interest from their income tax, increasing the salary caps for more people to be able to make the tax deductions, and increasing the amount of federal unsubsidized loans available to students with extra need.

"I wish I could tell you we solved all the problems with student indebtedness, but government works very slowly—maybe because legislators have so far to walk between the Senate and House buildings," jokes Kanoy, who admits to having very sore feet by the end of the day. "You have to have a very loud voice to make your cause known."

Kanoy urges those who care about these issues to write their representatives in Washington, because the more lawmakers hear about students' needs, the more likely they are to act. ■



A survey of 1998 veterinary school graduates conducted by the American Veterinary Medical Association found a mean educational debt of \$59,982, up nearly 12% from last year and up 22% from 1996.

From the February 15, 1999, *Journal of the American Veterinary Medical Association*, Vol. 214 (No. 4): 488-490.

Help Available for Completing Vet School Application

Applicants for the class enrolling fall of 1999 can take advantage of a new service, a telephone conference "workshop" to guide applicants through the application.

All applications to the College of Veterinary Medicine are now processed through the centralized Veterinary Medical College Applications Service. The Office of Academic and Student Affairs conceived of the workshops as a way to guide prospective applicants through common pitfalls in the application process.

The workshops, available April through August, are targeted to applicants who are working with veterinarians during the summer. Veterinarians in geographic proximity are encouraged to have four or more applicants gather in one location for the conference call. The workshops also will be made available to applicants who are attending universities and colleges within the state.

A speaker phone that will pick up voices from around a table will be required. Applicants will need to download files from the College Web site and read the information before the workshop. The workshop will address common problems and errors that may delay or terminate the processing of an application and will describe what information to include in the personal statement.

For additional information, please contact the Office of Academic and Student Affairs at 217/333-1192 or admissions@cvm.uiuc.edu. ■



Gift Acknowledges Professor's Agricultural Heritage

By Archana Reddy

It has been more than 30 years since Dr. Larry Hansen left his family's farms near Waterloo, Nebraska. But Dr. Hansen, for 28 years an environmental toxicologist in the College's veterinary biosciences department, remembers well the words of his grandfathers, Gus Hansen and Chester Ducker: "Take care of the environment and it will take care of you."

Dr. Hansen recently established the Hansen-Ducker Heritage Account to support research, especially regarding the developmental effects of environmental toxicants. The gift of nearly \$30,000 will support veterinary biosciences faculty and graduate students. He said his gift is "an opportunity



for me to acknowledge my heritage, which directed me to where I am now."

Dr. Hansen earned a doctorate in entomology from North Carolina State University. Although he was the first in his family to attend college, he grew up working each summer on family farms that applied scientific principles in a nonacademic environment.

Dr. Hansen learned to respect the soil and to appreciate balance when most people were not thinking much about it. "We were taught about sustainable agriculture before it was a term," he said, regarding the philosophy of considering the long-term effects on the soil of planting certain crops or applying chemical fertilizers.

"I was taught that it is better to do something physically than to use

Dr. Hansen's grandparents Chet and Minnie Ducker on their Nebraska farm, c. 1952; Gus and Lillie Hansen celebrated their 50th wedding anniversary with their grandchildren, including Larry (far right), c. 1960.



chemicals," said Dr. Hansen. On weekends, he can still be seen hand-weeding three acres of pasture where he and his wife, Terry, keep horses southeast of Urbana.

He has conducted research for chemical companies, the Food and Drug Administration, Illinois Waste Management Center, and the Environmental Protection Agency. His research focuses on the influence of chemical toxins, such as polychlorinated biphenyls (PCBs), on child and endocrine development. In 1995 he received the College Research Award in recognition for quality and quantity of publications, research awards, and outside recognition of his work. ■

Huber Endowment

Continued from page 1



Dr. William G. and Joyce F. Huber

After 13 years as a faculty member of the College, Dr. Huber left to become director of research for Hoffmann La Roche, an international pharmaceutical company. The company contributed a corporate matching gift to the endowment.

"We are pleased to have the opportunity to support the endowment, to form it, and to give it to help the program," Dr. Huber said.

The Dr. William G. and Joyce F. Huber Veterinary Medicine Library Endowment Fund was established in December 1997, and last fall the library purchased its first books using funds from the endowment.

Mitsuko (Mitzi) Williams, veterinary medicine librarian, said she expected to buy at least 25 books this year with the income generated by the endowment. "These books will greatly supplement the books and journals purchased by state funds," she said. ■

Undergraduates Discover Biomedical Science at the College

by Archana Reddy

His pen poised over fresh sheets of paper, Paul Shao, a freshman undergraduate at the University of Illinois, was ready to take notes when the bell rang the first day of his Freshman Discovery class.

Surrounded by only 21 other freshmen and introduced to three faculty members of the College of Veterinary Medicine, Shao suddenly realized there was no need to take copious notes, because this class would be different from all his others.

Drs. Mark Kuhlenschmidt, Carol Lichtensteiger, and Eric Vimr, faculty members in veterinary pathobiology, taught Shao's Discovery seminar, called "Biomedical Science in Health and Medicine."

Freshman Discovery classes were established by the University four years ago. They are small, seminar-sized classes open only to freshmen and offered in nearly every discipline. Discovery classes are designed to create curiosity and excitement about a new

subject and to introduce freshmen to academic culture, traditions, and opportunities.

"The emphasis was not on cramming information into you, but on sparking your interest," says Shao, who looked forward to class every week. The class included lab experiments, multimedia presentations, discussion of relevant current events, lectures, tours of the College's facilities, and real-life applications of information.

Dr. Kuhlenschmidt says that after the course, students had an appreciation for how cutting-edge science affects their lives.

"This course gives students a format that is not intimidating. The worst thing for a freshman is to sit in a lecture hall with 500 other students and not ask a single question the whole semester," says Dr. Kuhlenschmidt, who has taught Discovery classes for four years.

The class gives students a chance to interact with faculty, and many of the

students continue to interact with the professors after the course is over.

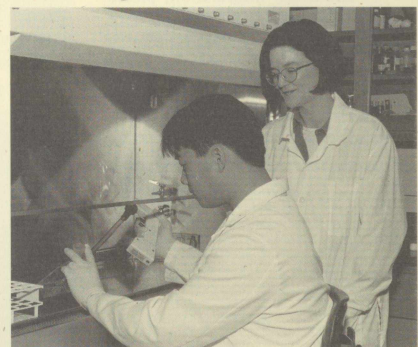
Shao, for example, began working in Dr. Kuhlenschmidt's lab as a research assistant in January. Dr. Kuhlenschmidt usually does not hire undergraduates as research assistants, but Shao was "enthusiastic and effervescent," he says.

The Discovery class is an opportunity to educate students about the applications of research done by faculty members, Dr. Kuhlenschmidt says. Because veterinary school unites the basic sciences and their application, there is no better place to help people become more scientifically literate, and this is what the Discovery class does.

"I've enjoyed the Discovery course more than any other

course I've taught," Dr. Kuhlenschmidt says.

Dr. Uriel Kitron, another veterinary pathobiology faculty member, also teaches a Freshman Discovery course. It is called "Science and the Media." ■



Undergraduate Paul Shao, shown here with his lab supervisor Dr. Katherine Wasson, got involved in research at the College after taking a Freshman Discovery class.



Leigh S. Gass, son Leigh Gass, VM-I at Illinois
Robert I. Valentine, daughter Amy Valentine, VM-3 at Illinois
Dennis M. Webster, father Carl Webster (MSU '40)

Class of '70
Franklin A. Coble, father J. Porter Coble (Texas '40)
Jayne E. Hooks and Jean Hooks, sisters

Class of '71
Gordon J. Benson, brother James E. Benson ('74)
James A. Bollmeier, son James Bollmeier, VM-3 at Illinois
Richard H. Schulte, brother Stephen Schulte ('73)

"The whole family used to ride with my dad when he had an evening call—all four of us—and sometimes the client would invite us to go fishing or have a picnic on his farm. From that I developed a level of comfort with the profession. It's a testimony to the degree that the broad-based, well-rounded education one gets in veterinary school allows one to move into allied careers, such as my position in industry now."

—Dr. Mike Biehl

1966

Courses Credit/Clock Hours

Third Year

First Semester	
VA 315 Applied Anatomy	1/2
VCM 331 Diseases of Small Animals	5/5
VCM 335 General Surgery	3/5
VCM 337 Clinical and Laboratory Practice	2/6
VPH 326 Special Pathology	5/9
VPH339 Clinical Pathology	2/4
VPP330 Pharmacology	3/4
Total	21/35

Second Semester	
Bot 226 Poisonous Plants	2/4
VCM 333 Breeding Problems and Obstetrics	5/7
VCM 334 Diseases of Large Animals	5/5
VDM 336 Special Surgery	5/10
VCM 338 Clinical and Laboratory Practice	2/6
VPH 332 Principles of Sanitation in the Processing and Handling of Foods	2/4
Total	21/36

Fourth Year

First Semester	
VCM 341 Infectious Diseases of Large Animals	5/5
VCM 343 Radiology	2/2
VCM 345 Seminar	1/1
VCM 347 Clinical and Laboratory Practice	8/28
VPH 349 Diseases of Poultry	3/3
Total	19/39

Second Semester	
Acce 203 Business and Accounting Methods	2/2
VCM 340 Jurisprudence and Ethics	2/2
VCM 346 Seminar	1/1
VCM 348 Clinical and Laboratory Practice	8/26
VPH 344 Food Hygiene and Public Health	5/8
Total	18/39

1999

Courses Credit/Clock Hours

Third Year

First Semester	
VB 320 Toxicology	2/2
VCM 332 Companion Animal Medicine III	3/5*
VCM 333 Companion Animal Medicine IV	2/5*
VCM 351 Introduction to Surgery	1/7*
VCM 352 General Small Animal Surgery	1.5/7*
VCM 353 General Large Animal Surgery	1.5/7*
VCM 362 Clinical and Laboratory Practice	2/10
VCM 375 Theriogenology	4/6
VCM 376 Veterinary Anesthesiology and Fluid Therapy	2/2
Total	19/32

Second Semester	
VB 324 Food Animal Nutrition	2/4*
VB 326 Comp. Animal Nutrition	1/4*
VCM 334 Food Animal Medicine	5/5
VCM 354 Specialty Small Animal Surgery	2.5/6*
VCM 355 Specialty Large Animal Surgery	2.5/6*
VCM 366 Clinical and Laboratory Practice II	2/12
VCM 367 Radiology and Radiobiology	3/4
VP 343 Diseases of Poultry	2/2
Total	18-20/33

Fourth Year

VCM 302 Clinical Anesthesiology	2.5
VCM 303 Diagnostic Imaging	2.5
VCM 304 Equine Medicine and Surgery	2.5
VCM 305 Food Animal Medicine and Surgery	2.5
VCM 306 Production Medicine/Theriogenology	2.5
VCM 307 Small Animal Surgery	2.5
VCM 309 Small Animal Internal Medicine	2.5
VCM 310 Specialty Medicine	2.5
VP 369 Diagnostic Laboratory Practice	2
Total	32.5

In addition to the core curriculum, the professional program today offers about 40 electives, including such courses as Veterinary Orthopedic Biomechanics, Biostatistics, Computer Literacy/Information Management, Epidemiology and the Media, Grief Management, Human Interactions with Nonhuman Animals, and advanced clinical study of avian medicine, cardiology, dentistry, dermatology, exotic animals, oncology, ophthalmology, and dairy and swine herd health management.

Class of '73
Kenneth A. St. John, brother Steve St. John ('75)
James Zieren, son James Zieren, VM-I at Illinois

Class of '74
Charles Cortesi, brother Robert R. Cortesi ('77)
Colleen M. O'Keefe, brother John O'Keefe ('80), sister-in-law Cynthia Popolowski O'Keefe ('81)

Class of '75
Ludwig G. Janda, daughter Amy Janda, VM-3 at Illinois
Gary C. Porter, sister Jane (Porter) Keil ('79)
Miles E. Rodgers, brother George Rodgers ('80)

Class of '76
James E. Huizinga, son Kyle Huizinga, VM-I at Illinois
James E. Meyer, brother Robert Meyer ('84)

Class of '77
Thomas K. Getzelman, brother Robert Getzelman ('80)

KUDOS



Dr. Larry Firkins, swine Extension veterinarian and director of the College research stations, has been elected to a 3-year term as District 5 (Illinois and Wisconsin) director for the American Association of Swine Practitioners. He fills the spot vacated by Dr. Randy Larson, of Alpha, Illinois, after two terms in the position.

Dr. Tony Goldberg, veterinary pathobiology graduate student, received a \$500 award from the 1999 Illinois Pork Council Scholarship Fund for his proposal entitled "Molecular Epidemiology of Porcine Reproductive and Respiratory Syndrome Virus in Illinois."

Dr. Joseph Harari, veterinary clinical medicine, spoke on clinical orthopedics at the Finnish Veterinary Medical Association annual meeting in March.

Dr. Wanda Haschek-Hock, head of veterinary pathobiology, participated in the Food and Drug Administration's Veterinary Medicine Advisory Committee meeting that looked at antimicrobial drug use in

food-producing animals and assuring human safety. The meeting was held in Gaithersburg, Maryland, in January.

Dr. Sheila McCullough, veterinary clinical medicine, served as an official show veterinarian at the International Kennel Club show held in Chicago in February. More than 3,000 pure bred dogs were entered.

Dr. Allen Paul, veterinary pathobiology and Continuing Education/Public Service-Extension, was named interim coordinator of the CEPS unit after the retirement of **Dr. LeRoy Biehl**.

Dr. Geoff S. Smith, first author of "Effects of fumonisin-containing culture material on pulmonary clearance in swine," and **Dr. Linda M. Berent**, first author of "Detection of *Haemobartonella felis* in cats with experimentally induced acute and chronic infections, using polymerase chain reaction assay," are the winners of the local 1999 Phi Zeta Literary Award. Dr. Smith, currently a Food Animal Medicine/Surgery intern, won in the Basic Research category and Dr. Berent, Clinical Pathology graduate student, won in the Clinical Research category. Both manuscripts have been submitted for consideration in the National Phi Zeta Literary Award.

Dr. Ronald D. Smith, veterinary pathobiology and director of medical

Research Projects Funded between January 1, 1999, and February 28, 1999

BOVINE

Drackley JK, Murphy MR, Morin DE, *United States Department of Agriculture/Animal Health & Disease*, \$16,846, Metabolic Mechanisms for Development of Primary Ketosis in Dairy Cow

GENERAL

Beasley VR, Bunick D, *Campus Research Board*, \$13,443, Identifying a Genetic Marker of Sex Identification in Frogs and Characterization of the Effects of Atrazine: A Search for the Basis for High Rates of Intersex and Sex Ratio Reversal

Cooke PS, Hess RA, *National Institutes of Health (NIH)/University of Wisconsin*, \$16,993, Reproductive and Developmental Toxicity of Dioxin

Gerding PA, *Alcon Laboratory*, \$3,140, Evaluation of Viscoelastic Devices in Eyes of Rabbits

Guyer CL, *NIH*, \$69,369, Proposed Rat Model of Olivopontocerebellar Atrophy

Hess RA, *NIH*, \$17,060, Role of Estrogen in Regulating Effluent Ducts of Testis

Hess RA, Bunick D, *NIH*, \$223,547, The Role of Estrogen in the Male Reproductive Tract

informatics, was an invited speaker for about 100 public health specialists at the September meeting of the southern chapter of the Illinois Environmental Health Association in Mt. Vernon, Illinois. View his presentation, entitled "Information Technology and Environmental Health," at <http://www.cvm.uiuc.edu/ieha/>.

Hoyer LL, *NIH*, \$96,420, ALS Gene Family of "Candida albicans"

Li J, *NIH*, \$114,261, Biochemistry of Egg Chorion Tanning in Mosquitoes

Schantz SL, *NIH*, \$110,153, Developmental Effects of Fish-Borne Toxicants in Rats (Subcontract with New York State Department of Health - 892-01)

Teuscher C, *NIH*, \$178,089, Immunoregulatory Loci in Organ-Specific Autoimmunity

Troutt HF, *Parkland College*, \$41,046, Parkland College Veterinary Technology Program

SMALL ANIMALS

Ehrhart N, Benson GJ, Solter PE, McCullough SM, Grimm KA, Caplan ER, *Companion Animal Grant*, \$4,000, Analgesia and Stress Relief in Dogs after Forequarter and Hindlimb Amputation

Sisson DD, *Companion Animal Grant*, \$6,000, Closure of Spontaneously Occurring Patent Ductus Arteriosus in Dogs

He presented "How to Establish a Presence on the World Wide Web" for the College's Swine Executive Veterinary Program (<http://www.cvm.uiuc.edu/ceps/evp98swine/>) in October and for the Small Animal Executive Veterinary Program (<http://www.cvm.uiuc.edu/ceps/evp98small/>) in November. ■

NEW FACES



By Archana Reddy



In his high school yearbook **Dr. Joseph Harari** wrote beneath his senior picture that he wanted to be a veterinarian. He loved animals and saw veterinary medicine as an opportunity to alleviate their pain and suffering.

Thirty years later, Dr. Harari is a visiting associate professor of orthopedic small animal surgery at the College. He was appointed to the clinical medicine department in January.

Trained in surgery at the College during the mid-1980s, he said he is happy to teach

in the College alongside some of his own professors. The return is "full of symbolism and emotion," he said. "To pass on a gift given to me by the faculty here is rewarding."

Dr. Harari teaches residents and veterinary students the art, science, and history of surgery. He had held a similar position for eight years at Washington State University, where he graduated cum laude as a veterinarian in 1980.

Dr. Harari has written two books: *Surgical Complications and Wound Healing* in 1993 and *Manual of Small Animal Surgery* in 1996. In addition, he has edited monographs on external fixation (1992) and osteochondrosis (1998).

At Washington State, Dr. Harari organized a softball team of mostly faculty, staff, and students of the veterinary school. The team won the city championship in Pullman. In addition to playing softball, Dr. Harari enjoys watching college athletics and foreign films, reading, and writing.



Dr. Patricia Heine said that even as a child she wanted to become a veterinarian. So in high school she decided to work in a small animal veterinary clinic in her home town of Waverly, Iowa.

She is now a gross anatomy instructor in the Department of Veterinary Biosciences. She is also researching the role that the estrogen receptor of transgenic Estrogen Receptor Knock-Out (ERKO) mice plays in the development of obesity.

While a student at Occidental College, she was a teaching assistant for junior high and high school students at a school in downtown Los Angeles. "It was good to help students that otherwise didn't get a lot of attention," she said. "It sparked my interest in teaching."

Dr. Heine received her veterinary degree from Iowa State University in 1995. Three years later she completed her doctorate there, in veterinary anatomy and neuroscience with an emphasis in reproductive neuroendocrinology, teaching zoology and anatomy courses during her studies. Dr. Heine was an All-American NCAA Division III athlete while studying at Occidental College. A member of the track and field team, she ran the half mile and mile relay.

"I enjoyed pushing myself to the limits to see how much I could accomplish," said Dr. Heine, named All-American athlete three times. "It's really neat to train hard, to see your body change, and to be a good competitor."

She said she might run a half-marathon race in Indianapolis this fall. In addition to running, she enjoys downhill and cross-country skiing. ■



What's new?

Keep your College and fellow alumni informed of pertinent events in your life by sending your news to *Vet Report*, U of I College of Veterinary Medicine, 2938 VMSB, 2001 South Lincoln Avenue, Urbana, IL 61802; fax: 217/244-2988; email: editor@cvm.uiuc.edu.

Honors at ISVMA meeting ...

At the 117th Annual Convention of the Illinois State Veterinary Medical Association, held February 5 through 7 in Springfield, **Drs. Tom Powell** (Purdue '64), of Springfield, and **Gerald Long** (Iowa State '34), of Mount Sterling, received the President's Award. **Drs. J. Wayne Rehn** ('61), of Alpha, and **Tom Russell** (Iowa State '62), of Glenview, received the Service Award. **Dr. Dick Hull** (Missouri '59), of Springfield, stepped down as ISVMA president and passed the gavel to **Dr. Roger Mahr** (Iowa State '71), of Geneva. **Dr. Raymond Hill** (Kansas State '51) is president-elect.

... and CVMA Installation Dinner

The Chicago Veterinary Medical Association held its annual installation dinner dance on January 16. **Dr. Dave Reed** (Iowa State '80) passed the gavel to incoming president **Dr. J.B. Bruederle** ('91); president-elect is **Dr. John Ciribassi** ('84). **Dr. Doug Carlson** (Iowa State '71) received the President's Service Award. **Dr. Dick Guelzow** ('80) was given the Merit Award, and the Lifetime Service Award went to **Dr. Tom Russell**.

Dr. Sam Allen ('70), of Wayzata, Minnesota, received the Distinguished Service Award from the Minnesota Veterinary Medical Association. He has served that organization as president, program chair, Web site committee member, and finance chair. He is featured on a local radio call-in program called "Ask Dr. Sam."

Dr. Allen has also been president of the Affiliated Emergency Veterinary Service and the Animal Care Foundation and is a member of the American Academy of Veterinary



Seminar Honors Career of Dr. LeRoy Biehl

"New Horizons for the Swine Industry: Integrating Health & Management" was held January 29 in recognition of the career of **LeRoy G. Biehl, DVM, MS**, who retired as coordinator of the Continuing Education/Public Service-Extension unit after 28 years at the College.

Shown above are Illinois alumni and seminar speakers **Drs. Ralph Vinson**, **Gary Dial**, and **Joseph F. Connor**; **Dr. Biehl**; **Dean Ted Valli**; seminar speaker **Dr. Gregg BeVier**; and moderator **Dr. William Wagner**, former

research dean and department head at the College now with the United States Department of Agriculture.

An endowment started in recognition of **Dr. Biehl's** career quickly reached the minimum level for activation, thanks to the donations of alumni, friends, and colleagues. The **LeRoy G. Biehl Endowment** will be used to support food animal educational programming efforts in the Continuing Education/Public Service unit.

Dermatology and the Academy of Veterinary Allergy. He established the Northwest Animal Hospital in Plymouth 24 years ago.

Dr. Lewis Thomas ('71) was named "Veterinarian of the Year," the highest honor bestowed by the West Virginia Veterinary Medical Association. After earning a master's degree in public health from the University of Texas, he spent the next 27 years as state veterinarian and director of the Animal Health Division in West Virginia. Under his leadership, the state has been designated bovine tuberculosis-free, brucellosis-free, and pseudorabies-free. His work encompasses epidemiological investigations, public education, and legislative consultation, among other things. "There isn't a West Virginia veterinarian who hasn't called on **Dr. Thomas** for his expertise and advice at one time or another," notes WVVMA executive director **Gayle Swank**.

Dr. Tom Updike ('82), of the Paxton (Illinois) Veterinary Clinic, was recognized for his "kindness above and beyond the call of duty" last October with the Extra Mile Award, sponsored by local businesses. He was nominated after making a house call at 5:40 a.m. to check on a dog that had been hit by a car.■

In Memoriam

Dr. George D. Brodsky ('77), died January 17 in Glendale, Arizona. He had practiced for many years in Bourbonnais, Illinois, but in 1996 moved to Arizona and worked in a veterinary practice in Phoenix until his death.

Dr. Richard Fink ('52) died January 28 in Hacienda Heights, California. He had served as president of the American Veterinary Medical Association during 1987-1988.

Dr. William Smith ('62), of Havana, Illinois, died on January 14. He had practiced veterinary medicine in Illinois, New Jersey, and Kansas.

Dr. Thomas Steffen ('66), of Tucson, Arizona, died on January 9. He formerly had a practice in Streamwood, Illinois.



April

- 10 Veterinary Medicine Open House, 50th Anniversary Symposium, and 50th Anniversary Gala, Urbana, Ill. Contact **Chris Beuoy**, 217/333-2907, or **Kim Meenen**, 217/333-2762.
- 24 Annual Awards & Scholarships Ceremony, Urbana, Ill. Call **Kimberly Meenen**, 217/333-2762.

May

- 1 Memorial Ceremony for **Lisa Coole**, Urbana, Ill. Call **Beth Erwin**, 217/333-2762.
- 2 Spring Banquet, Urbana, Ill. Contact **Tiina Villaret**, villaret@students.uiuc.edu.
- 15-19 Molecular Biology Workshop, Urbana, Ill. Contact **Susan Steenbergen**, 217/333-4799; (email: ssteenbe@staff.uiuc.edu).
- 16 Commencement Reception for Graduates, Families, and Attendees, Urbana, Ill. Call **Beth Erwin**, 217/333-2762.
- 20-21 Second Annual Conference on New and Re-Emerging Infectious Diseases, Urbana, Illinois. Contact **Dr. Roberto Docampo**, 217/333-3845 or **rodoc@uiuc.edu**.

July

- 11 Alumni Reception, AVMA Convention, New Orleans, La. Call **Beth Erwin**, 217/333-2762.

August

- 13-22 UICVM/ISVMA Veterinary Medicine exhibit at the Illinois State Fair, Springfield, Ill. Spend a few hours educating the public about veterinary medicine, then enjoy the fair. To volunteer, call **Kimberly Meenen**, 217/333-2762.
- 28- Sept 6 Veterinary Medicine exhibit at the DuQuoin State Fair, DuQuoin, Ill. Spend a few hours educating the public about veterinary medicine, then enjoy the fair. To volunteer, call **Kimberly Meenen**, 217/333-2762.

October

- 14-15 Annual Fall Conference for Veterinarians, Urbana, Ill. Contact **Dr. Larry Firkins**, 217/333-2907.
- 16 Fall Conference Tent Party for Veterinarians, Champaign, Ill. Call **Beth Erwin**, 217/333-2762.
- 30 Deans Club Tent Party, Champaign, Ill. Call **Beth Erwin**, 217/333-2762.



Published four times annually by the University of Illinois College of Veterinary Medicine for its students, faculty, alumni, and friends. Send address changes or information for *Veterinary Report* to:

Veterinary Report

University of Illinois
College of Veterinary Medicine
2938 VMBSB, 2001 South Lincoln Avenue
Urbana, IL 61802
217/333-2907 Fax: 217/244-2988
email: editor@cvm.uiuc.edu
Web site: <http://www.cvm.uiuc.edu/>

Editor

Chris Beuoy

Writers

Carey Checca
Archana Reddy

Associate Dean for Development
T.W. Rathgeber

Associate Dean for Alumni Affairs
Dr. Erwin Small

Assistant Director for Development
Kimberly Meenen

Graphic & Photographic Support
Biomedical Communications Center

Art Coordinator

Linda Jackson

Photographers

Don Hamerman, Lil Morales, Bob Myers

Vet Report submission deadline for
Summer 1999 issue: May 3, 1999.



Design provided by the Office of Publications for the College of Veterinary Medicine.

Printed on recycled paper with soy ink.

Celebrities Jump on the Bandanna Wagon for April 10 Auction

Dolly Parton and Luciano Pavarotti, Martha Stewart and Meryl Streep, Bob Hope and Elton John—these are just a few of the folks who have autographed a bandanna bearing the 50th anniversary logo of the College for the auction that will top off the April 10 celebrations!

A tremendous response rate to our mailing asking for the signatures of celebrities puts more than 50 bandannas on the block. A few signers also added a doodle or message. All proceeds from the auction will go to support student scholarships.

Bob Barker
Dave Barry
Jim Belushi
Jon Bon Jovi
Barbara Bush



Bill Cosby
Katie Couric

Jim Davis (Garfield)
Laura Dern
Bob Dole
Elizabeth Dole
Harrison Ford
Kelsey Grammer
Theresa Greutz
Wayne Gretzky
Paul Harvey
Hugh Hefner
Bob Hope
Elton John
Lon Kruger
Carl Lewis

Art Linkletter
Judy Mackey
Joe Mantegna
Reba McEntire
Tim McGraw
Joe Montana
Mickey Morandini
Nick Nolte
Greg Norton
Rosie O'Donnell
Kathy O'Malley
Dolly Parton
Luciano Pavarotti
Richard Petty

Suzanne Pleshette
Morley Safer
Orion Samuelson
Susan Sarandon



Gen. Norman Schwarzkopf

Jane Seymour
Siegfried and Roy
Bill Simas
Martha Stewart
Meryl Streep
Patrick Swayze
Tiffani-Amber Thiessen
John Travolta
Tanya Tucker
Robert Wagner
Betty White



LIL MORALES

Student Recruitment

Prospective students learned about veterinary dentistry from Dr. Sandy Manfra (right). The applicants were on a three-hour tour of College facilities that took place as part of the Applicant Recruitment Program on February 25 and 26. Vying for 80 in-state and 20 non-resident spots, 107 Illinois residents and 95 out-of-state applicants came for interviews and a look at the College. Acceptance letters were sent out on March 5.



Celebrating 50 Years

University of Illinois at Urbana-Champaign
College of Veterinary Medicine
2001 South Lincoln Avenue
Urbana, IL 61802

RETURN SERVICE REQUESTED

Non-profit Org.
U.S. Postage
PAID
Permit No. 75
Champaign, IL

